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MARCH, 1889.

Farmer

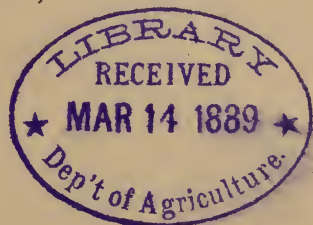
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A Dry Cough

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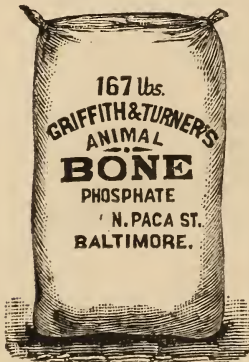
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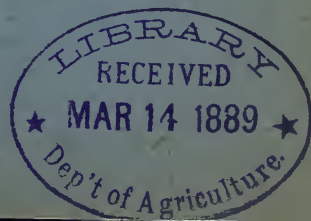
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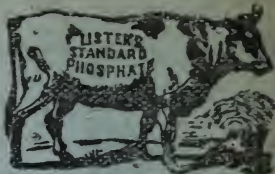
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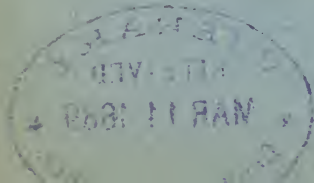
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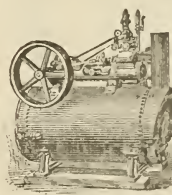
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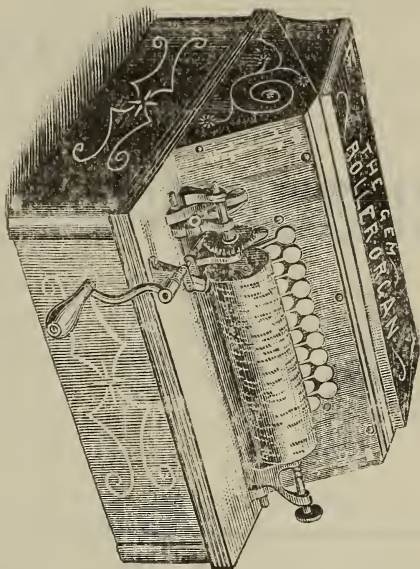
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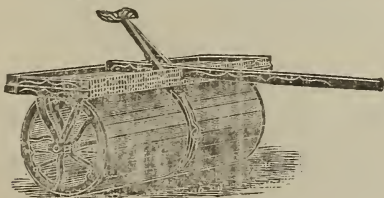
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AND NEW FARM.

Vol. XXVI.

BALTIMORE, March 1889.

No. 3.

"DO THE DUTY NEAREST."

BY LOUISE PHILLIPS.

Finding myself unfit for famous deeds,
I tried to help in people's lesser needs,
Just did the little tasks that lay at hand:
Picked up the fallen child, brushed off the sand;
Lightened my neighbor's load, dispelled the fears
From timid souls in galling bonds for years,
Sang just a little song that cheered some one
To whom the great songs were an unknown tongue,
And for my own made such a restful home
That they were tempted not from it to roam.
"Ah me," I sighed, "this is not dreamed of name."
But, lo! my world was ringing with my fame.

THE FARMER'S LABOR.

Last month we were pleased to be able to publish a communication on the work of the farmer, which at first sight one would be apt to consider very questionable.

It is not generally thought that farmer's work can be light work. In point of fact

the greater part of that work requires both skill and strength to carry it forward successfully.

For example, plowing as generally done is by no means an easy task, and although to a superficial on-looker it may appear to require nothing more than a leisurely walk in the furrow, let the inexperienced take hold of the plow handles and he will soon change his mind.

Then the handling of the crops is also heavy work requiring a good degree of physical vigor. And notwithstanding many great helps have been brought into use the fact remains that heavy and hard work belongs to farming.

Still, should we not remember that hard work belongs to every manly occupation, and it is nothing less than folly to repine over it.

Gradually, however the old time drudgery is being removed. It was a great improvement when the sickle gave place to

the cradle, and how much greater when the cradle gave place to the reaping machine!

Machines have been multiplying for the past few years, so that the hard labor has been concentrated within much narrower limits than in the time of our fathers and grandfathers.

The mower and reaper is not alone in this respect. The flail is no longer heard in the barn floor, for the steam threshing machine has almost annihilated it.

Take the sulky plow, the mower and reaper, the steam thresher, the patent harrows, the potato diggers, the haycarriers, the stump exterminators, the seed sowers and manure spreaders, with the host of smaller inventions, and the line of progress is indeed made very evident to the duller comprehension.

In the same direction, also, are the creameries and cheese factories, the fruit packers and canneries, the fruit dryers and the long list of labor savers for the household as well as for the field work.

But it is hardly necessary to enumerate all that has been done to lessen the hard labors of farming; for plenty of them still remain, and will remain for many years to come; although the promise seems to be that horses and machinery shall do the work, while the man sits beneath his umbrella, protected from the broiling sunshine, and directs the team.

We might predict that these things are fore-shadowing the time when the farmer will no longer be distinguished by his coarse, rough garments and his carelessness as to dress, manners and general appearance; but will be not only monarch in the realm of labor, but also take upon himself the dress and pleasant ways of refined social life. These improvements predict this for the farmers as a class. Of course, large numbers of farmers have already reached this position; but vast

numbers remain on the verge of that plane which gave us the repellant pictures which have characterized even the lesson books of our children in the past.

In these few paragraphs we have not meant to take exceptions to the article of our contributor in the February number. Merely to write his fact with that other fact that much hard labor still belongs to farming. The improvements it is true have been very many to lighten labor; yet, thus far, beyond the reach of the great majority; requiring too large an amount of capital to make them practicable on every farm.

Can we not hope, however, that invention will by and by unite and simplify this vast array of machinery, until it will come within the reach of almost every farm, and become the great blessing towards which we are all looking, for which we are all longing?

Less labor will give room for more opportunities of gaining information on all the subjects which belong to our lives.

More general information will fit us for higher enjoyment and a more thorough appreciation of the noble privileges which we should use to our personal advancement in whatever will elevate, refine and bless our lives.

In making nests for sitting hens, we narrow the floor of our coop, by packing earth against the sides of the coop, and slightly hollow out the centre, shaping it like a soup-plate—flat bottomed.

Feeding too much is fully as bad as not feeding enough. A fat chicken is a nuisance except when you wish to kill and eat it.

Two Items give a reputation to the dealers in eggs: 1. Have them fresh. 2. Have them of good size—not more than nine to the pound.

For the Maryland Farmer.

SILVER MUST BE RESTORED.

It is becoming more and more evident that the country demands bi-metalism, notwithstanding the efforts of the contractionists to prevent the enlightenment of the public as to the true bearings upon the industries of the country of a continuation of the single gold standard.

The British Commissions.

We have no information through the great metropolitan journals—which appear to be completely under the influence of the mono metalists—of the two British royal commissions upon this subject, nor the evidence upon which that report was predicated.

Important points made.

Points in this report are of a character that would arouse Americans to the true nature of mono-metalism and to the enormity of the wrong done to our country by the act demonetizing silver in 1873.

Strong Words.

Some testifying before the commission characterized it as “The greatest crime of the age,” and productive of such results as to bring great suffering and ruin upon thousands in the United Kingdom. Yet it has its defenders and apologists there, as it has here.

America and India.

Were Americans to know, however, that much of the opposition to the restoration of silver there is based upon the ground that it would help the United States and hurt India, they would resent the unpatriotic course of our journals and bankers who sustain it, while keeping these facts from the people.

But the fact remains. Such evidence was given.

Who suffer?

Our country is suffering and more particularly its planters and farmers. The

low price of our exports does not bring back to the farmer the money he needs, so that debts are not paid to the merchant and he suffers, as all do and must when our great agricultural interests are depressed.

Prices of Wheat affected—The loss.

The fact shown by Mr. Fieldner's evidence that wheat—all wheat—would be worth from 25 to 31½ cents per bushel more if silver was restored, is fully proved by the statistics of the wheat trade in India. Thus the loss to American farmers in that one great staple is from \$120,000,000 to \$130,000,000 per annum.

Remember.

The one thing never to be forgotten is this: we need the revivifying influence of restored silver even more than increased currency. Values have been so lowered since gold has been the sole standard, that the producers have suffered great distress. To restore life and energy in work-shop and mill as well as to speed the plow, silver and gold must be conjoined. It is true that we need more currency, but our greater need is a better price for the wheat, corn, cotton and tobacco and other produce of our farms. This alone can bring money into circulation; and this as previously shown is dependent on the restoration of silver.

Depression Unnatural.

The present condition of our country is in all respects unnatural; for this should be an era of great prosperity. The world has vastly increased in wealth and population and has for a long period been free from destructive wars, pestilence and famine. The demonetization of silver and the consequent contraction of the volume of money have caused this unnatural depression.

Demonetization not complete.

Destroying the monetary functions of silver by demonetization in 1873 was but

partially accomplished. Had it fully succeeded as was intended, four sevenths of the money of the world would have been made simply merchandise. The supply of silver in the world is estimated as about four parts in value to three parts in value of gold.

Not Over-production.

It is folly to say that the present depression is caused by over-production.

Under consumption may more truly be given as one reason. We had that talk of over-production as the cause of wheat being below the actual cost of production; yet a shortage of the crop in Dakota caused a very sharp advance.

The world has not one year's supply of bread-stuffs to ward off actual famine if any great disaster to this one crop should come.

No such thing as over-production can exist until all have enough of food, clothing and implements. Go where you will you will find, and especially among farmers, a demand for larger supplies, could they be had without creating debt.

Statement of Facts.

Let the reader, then, examine the following statements of facts:

1. Silver *and* gold have since the earliest dawn of history been used as money.

2. The supply of neither has ever exceeded the demand.

3. By their durable qualities they are, above all other metals suited for the purposes of money.

4. The white metal, being naturally in larger supply, has a lower value, which permits its being coined into pieces representing small values without being too minute in size: while the more precious yellow metal is coined in pieces to represent concentrated value.

5. In all periods of the world's history great advancement in the activity, pros-

perity and happiness of the people have resulted, where large additions were made to the supply of money by new discoveries of the precious metals: such as followed the Spanish conquests in America and the late discoveries in California and Australia.

6. An excessive supply of silver or gold has never occurred. Were either as plentiful as iron it would be unsuitable for monetary purposes.

7. The decline in silver is the result of statute law, not of natural causes. Statute law can alone restore its value and give us prosperity.

8. The demonetization of silver was brought about for the purpose of making more valuable the vast bonded indebtedness of the world, by making it payable in gold. It has fearfully increased the load of the tax payers, saddling upon the industries of the world unbearable burdens.

How was this done in America?

In the name of the people, yet unknown to them, it was done while we were using paper money. No one knows just how it was done! Our then President knew it not. Our leading statesmen disclaimed all knowledge of it. The debates in congress at the time show that it was not contemplated. Yet in the newly revised statutes of the U. S. the few words were incorporated making the gold dollar the unit of value, and leaving out silver.

What is the Remedy?

In our country the people yet rule. Their demands will be heard. Here in Virginia and in many other parts of the country, they are demanding that this great wrong be undone. Petitions have been largely signed and sent to Congress asking that silver be restored to its time honored place and that farther contraction of our valued paper money shall cease.

Our State Farmers' Assembly passed unanimously a resolution demanding it.

Farmers and business men should act in a manner that will be heard by our legislators. Wall street financiers have run this government too long.

J. W. PORTER.

We favor poultry houses large enough to hold only a single family of thirteen. Make them of rough boards just high enough to stand up in straight when you visit them. Make them warm with tarred paper linings.

THE NEEDS OF

SOUTHERN MARYLAND, III.

In the two preceding articles we dilated upon the necessity of smaller farms, and a different system of farming in Southern Maryland. It has almost become an Agricultural Axiom that a small farm well tilled is a better investment than double the amount of land only half worked.

It is also a well recognized fact that the little things of the farm, which bring in ready money every week and month, pay better in the long run than large crops which require heavy outlays, even though they bring in large return.

Thus we see the large farms West and South being gradually broken up into small holdings, which the holder can work thoroughly by himself and without having to depend upon hired labor.

Let us look at Southern Maryland from this point; In 1880 the five counties of Southern Maryland had 15,036 cows, and produced 550,605 pounds of butter besides 206,563 gallons of milk. Baltimore County, with only 14,594 cows, produced 958,186 pounds of butter besides 1,811,901 gallons of milk, and Cecil County with 7,168 cows produced 603,716 pounds of butter and 226,342 gallons of milk. From this it will be seen that the cows of South-

ern Maryland are not being worked for all they are worth.

It is generally conceded that apart from a little extra care, it costs no more to keep good cattle than scrubs, and with the same number of good cows, Southern Maryland ought to double her dairy products. But we find Southern Maryland keeps only one cow to every 42 acres of improved land which shows to what extent the dairy interests might be increased in that section.

Cattle can be wintered in Maryland for one-tenth less than in New York, which would give a good margin of profit to the business, and if the farmers of that section want to get young and vigorous New York dairymen to settle among them and take and improve their waste or idle land, they could not do better than adopt some means of bringing these facts to the attention of Northern farmers.

If care and attention is given to raising grass, in a few years Southern Maryland could easily support 40,000 head of dairy cattle which would produce over a million dollars worth of milk and butter every year, to say nothing of the young stock, or of the hogs fattened on buttermilk or of the saving of fertilizer brought about by feeding the provender on the farm and returning the manure to the land.

This is no fancy sketch. Our figures are within reason and are being more than realized in other portions of this State every day, yet these items of dairy products (butter and milk) which bring in a little money every week, would enable Southern Maryland farmers to get and keep on a cash basis by which they could save all they make on the other crops. Try it once and you will be puzzled to know how you ever managed to live on your tobacco crop.

The soil of the five counties included in Southern Maryland was once—and within the memory of living men—as rich as the

richest. It has been impoverished by severe cropping in corn and tobacco. If it is ever brought up—as it can be—it must be by a radically different system of agriculture from what is now followed. Grass must be one of the main features in the new system. With plenty of grass it will be comparatively easy to increase the dairy herds, and by introducing bulls of the improved herds the necessary improvement of the cattle can be made at little expense.

By giving the matter the care and attention its importance merits, the change can be brought about while the lands are being improved, and thus all things be made to work together. G. E. JR.

It Requires reasonably good care to get ten dozen eggs from a hen and allow her to raise a brood. This is popularly placed as the average work of the hen, but all her wants must be supplied.

EXPERIMENT STATIONS.

The Experiment Stations from which we hear, whether connected with the Colleges or established by individual States, seem to be accomplishing excellent work for the farmers. These stations should be earnestly cherished and always regarded as true friends. We know a class exists who have been accustomed to look upon everything of a scientific nature as of very little account and who consequently speak in a questionable strain in reference to this work. It is, however, the part of justice to try and understand the value claimed for these stations and to make use of the information which may be gained from them. Every farmer, who so desires, can have, free of all cost to himself, all the Station publications in his State, by sending a request on a postal card to the "Di-

rector of the Ex. Station." The time will surely come, when the great work they are doing will be properly appreciated.

Purchase only the very best seed. It is a fact that every extra cent spent for improved seed, will often bring a dollar in the harvest.

Scalded bran and meal make a good morning feed for poultry, just as whole grain makes a good evening meal for them.

DUCKS.

Since it has been demonstrated that Ducks can be successfully raised without either pond or running water, even more successfully than an equal number of chicks, we have been studying them more particularly than ever before.

We find that while they are enormous eaters, they take on flesh even more rapidly than chicks in proportion to the quantity eaten. Also, when chicks are weighing a pound and a half or two pounds, the ducks are up in fives, sixes and sevens, with a corresponding price when sold.

Also that the food given ducks may be coarse in quality as well as quantity compared with that required by other poultry.

Also, that the Aylesbury duck gives the best quality of meat on the table, although not more than the Pekin, while the latter gives the best eggs and by far the greater number.

Also, that after the second week the ducks are much hardier than chicks.

Also, that the only trouble about them is to keep them dry and warm during the first two weeks of their lives.

Also, that they must have plenty of good water to drink, but do not need it to swim in, unless it chances to be handy.

Also, that it is a good thing for the farmer's table and the farmer's pocket

to raise plenty of ducks, especially if he can arrange their yards where they will do no harm to crops.

Also, that their feathers are better worth preserving than are the feathers of chickens.

Don't bother much in cold weather about ventilation. If you keep the houses reasonably clean the poultry will not suffer. Plenty of fresh air will get in; you may be sure of that. Do your best and you cannot keep it out.

FEMALE FARMERS.

Will the coming young woman be a farmer?

Scattered all over the broad prairies of the Northwest are hundreds of self-reliant, true blue young heroines, living in small, isolated cabins called shacks, proving up claims, entering homesteads and making money.

It is lonesome, dreary business, this living alone on a wild, unsettled prairie, without a face or human form to welcome or cheer one's solitude, but there seem to be a good many young women who have the grit to hang to this solitary life long enough to prove up a claim at least.

Four young ladies in Dakota last year put their heads together and hit upon an ingenious plan, whereby they could each secure a claim and yet all live comfortably together in one house and each be upon her own land. Instead of building four shacks with one room each, they constructed one shack with four rooms, but so nicely planned that each room of the square building was on a different quarter section. Each had her own bed in her own room and in that way, each claimant at night slept upon her own land.

Society ladies of the city will wonder, not so much how these young lady settlers

get along without social privileges, as how they dared live so far away from the doctors. Why, bless you! they never thought of being sick. Doctors are not half so much of a household necessity as city people are in the habit of thinking.

For all the ordinary ills of life, the old-fashioned roots and herbs remedies are more effective, and much safer in results, than modern doctors' pills and potions. These latter are so radical in their effect that, while they may better meet the modern desire for quick results, they frequently permanently injure the system, nature rebelling against the unnatural methods employed.

It is always safest to follow natural methods in treating disease. The old time roots and herbs remedies, which our good old grandmothers knew so well how to prepare, were the best medicines the world ever knew, because they were nature's remedies.

The modern world needs them. In Warner's Log Cabin Remedies, and especially such as Warner's Log Cabin Sarsaparilla and Warner's Log Cabin Cough and Consumption Remedy, the people of to-day have an opportunity to secure the healthy medicines which our rugged ancestors used with such splendid results.

Do not depend upon any single crop for your income. The disappointment is sure to come some day, and it will then be crushing in its effects.

Eggs vary from eight to the pound to twelve to the pound. So long as they are sold by the dozen instead of by weight some one loses or gains constantly.

When you take into consideration the size of light Brahma chickens, the eggs are comparatively small. Very seldom do they reach eight to the pound.

GATHERED CRUMBS.

A round bean sells better in market than a flat one.

Our greatest glory is not in never falling, but in rising every time we fall.

The company in which you will improve must be the least expensive to you.

Going to law is expensive whether it be for the purpose of securing justice, or revenge, and is almost certain to end in disappointment and loss of money to both parties.

In building dwelling houses farmers should plan not only for beauty and symmetry, but for the convenience of the family. Many a farmer's wife has been compelled to lead a life of toil and drudgery by the needless neglect of her husband to make the home convenient.

In quite a number of localities strawberries are reported as being badly injured if not killed out entirely. The same holds good in reference to peaches.

The Concord, though not the best, is the grape that will stand the neglect and want of favorable conditions of the general grower better than any other sort.

There is many a man to-day dragging out a miserable existence in a dingy workshop, or behind the counters of a city store, who is longing to breathe once more the pure country air and enjoy the independence of rural life. Discontented country boys and young men should think of this before leaving the farm to find employment in the city.

It is surprising to see what a great change a little paint will make in the appearance of farm buildings. Many of the ready mixed paints are valuable and cheap, and the painting can be done by one of the boys or hired men at odd times.

A good coat of paint will preserve the buildings, add to the beauty and attractiveness of the premises and transform old run-down farm houses into neat and tasty homes.

The air is filled with ammonia and similar fertilizing elements. Stir the soil frequently and it will appropriate these for the use of your crops. Nature helps those who are ready to receive her help.

EDITORIAL BRIEFS.

We are more and more persuaded that we should have a Farmer President to preside over our country. It is essentially an Agricultural country. All our prosperity grows out of our agricultural industries, Agriculture however, is not given the prominence and the rewards which should be bestowed upon it. At present it is in the position of surfdom to every other pursuit. Although it gives to all the life and energy necessary for success, it is treated as a servile occupation, worthy only of contempt. We must have a Farmer for President. We care not as to the party who may give us the President we want; both parties have men who would develop into suitable material for that position. We might mention Secretary Colman or W. H. Hatch democrats or T. W. Palmer as a republican.

* * *

In our rapid progress creameries are getting to be prime necessities in every well regulated agricultural neighborhood. It is a vast advance over the method of butter making in the olden times in every farmer's household. It is quite true that it does away in good part with the individual skill which was the characteristic of first class butter makers, but there will always be room for private enterprise in this, just

as there is room for the skilled needle-woman, although the sewing machine has become a reality. Creameries are the blessing for overworked womanhood in our farmer's homes. We rejoice whenever we learn of the establishment of one in any new neighborhood.

* *

No doubt the best farming owes a great deal to the scientific knowledge obtained of soils and their needs, through long continued experiments; but the best farming owes a great deal more to the common sense of those who make use of the knowledge obtained by these experiments. The nicest scientific experiments depend so very much upon the conditions of the weather and the atmospheric changes that their statements cannot be regarded with much reliance. He who has the knowledge of the scientific decisions and who nevertheless has sense enough to regard them as of value, but not as conclusive, and relies upon his own judgment in connexion with them, is the man who generally does the best farming.

* *

It is very certain that the farmers cannot do without commercial fertilizers in the present condition of farming and it is just as certain that a very large amount of information must be had before the farmer can use these fertilizers to any great advantage. The soil, the weather, the condition of the atmosphere, the crops to be grown must be objects of study before these chemicals can be properly and advantageously used.

* *

In New York city the Board of Aldermen have passed an ordinance requiring that all vegetables, fruit, and berries shall be sold by weight. This has been brought about by the constantly diminishing size of the basket or other receptacle in which the

articles have been sold. The bottom of the strawberry box has gotten so near the top that it seems flattery to call the receptacle a box.

If a motherly hen becomes broody early in the season give her the eggs and you may expect an early brood. No use to trust a giddy pullet; for loss of time, eggs, patience and sometimes temper will result.

To secure the best results in the Keeping of Poultry, it is necessary to use the incubators and brooders. Those heated by water are safest and best.

For the Maryland Farmer.

ON THE SEASON.

BY MRS. JOHN GREEN.

What a wonderful winter this has been so far as the weather goes! I always dread the cold blows and snows of our winters: but this year has been an exception to all of the winters I have experienced since I moved South. It has been one long delightful Fall for the past five months.

It seems so nice to have had it so very mild and comfortable after our having decided to remain in our dear old cosy home for the winter. I have not had cause to regret our decision once; for I have been very comfortable, and I may say, happy; and now, as the Spring comes on, I have not got to be thinking of the work of moving.

I think our remaining here this winter will prove to be a good lesson to John and me. How often have I had the time to think of those old sayings "A rolling stone gathers no moss," and the other one which says, "A setting hen never grows fat." Now, the first of these we have been trying for thirty years, and truly can we say we have gathered very little for the

declining years of life, and now John says, we had better try the other one; for even if we do not grow fat, we may at least keep the old nest in which we can rest in old age.

Spring is knocking at the back door of old winter to be let in. This change, from the sleep of winter to the beautiful young life of Spring, sends a thrill of joy through my whole being! How beautiful to contemplate it!

Spring always brings its work, and its hard work too, as John, in his talk to the Farmers Club, told them, "Work was the greatest blessing that was bequeathed to us poor mortals." Work! Work! and grumble not, and a kind Providence will smile upon us all. Work is health, it is happiness, it is medicine, it is life itself. And what more can we want? Can there be anything more beautiful than to look upon this busy world of ours? In work we take pleasure, but in idleness there is misery and disgrace; so strike while the sun is shining and make all nature resound with the merry music of the ever busy world.

Our own little "farni," as we call it, calls for many days' work to make everything pleasing to the eye.

I was saying to John, this very morning that we might begin to beautify our place by having the grounds cleaned up. But while we were talking who should come in but neighbor Putoff, and we told him what we were talking about.

Says he "Now, take the advice of an old farmer and don't be in too much of a hurry. "There is time enough yet."

I said, "Well, don't you think it would be better to tidy up the place after a whole winter of leisure?"

And he says "Maybe you are right; that is the kind of talk my wife is always giving me."

Now I only wanted to have the rubbish

cleared up. But Mr. Putoff said, "There is time enough. Don't you know the "Ground Hog" went back for another nap?"

And I said, "Ground Hog! indeed! Do you suppose the sun was shining every where? was not there any clouds that day? We all know the sun shines in one place and half a mile away, more or less, it is obscured by clouds. A great world is this, when we come to that plane where a Ground Hog rules the weather! Ground Hog, indeed!!!"

I had some household duties to attend to, so I went out.

After Mr. Putoff had gone, John came in where I was and he says, "Why Sallie, how excited you did get!"

I said, "The idea—Ground Hog, in this, the nineteenth century! Have we come to be such poor miserable creatures as to believe in the superior knowledge of a Ground Hog, that not one out of one thousand of people ever saw, if the whole thing is not a myth altogether!"

John said, "Well, we will fix up the place, Sallie, and let Mr. Putoff and his Ground Hog do as they please about the weather. We can work on the bright days and plan on the dull days."

John says he is not going to use whitewash this year, but will use a kind of cheap paint that comes for that kind of work, and he will not be doing it every year. I am glad to hear him talk that way, for we are always all whitewash, best clothes and all.

Large success is obtained only by those who have become thoroughly learned in every department of the Poultry business, taking chicks as they come from the eggs and following them till finally sold to the consumers.

THE
MARYLAND FARMER
AND
NEW FARM.

WALWORTH & CO.,

Editors and Publishers.

Agriculture, Live Stock and Rural Economy,

Oldest Agricultural Journal in Maryland and
for ten years the only one.

27 EAST PRATT STREET,
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If 5000 are allowed to run over a single number without paying, it is a cost to us of \$500, which we cannot afford to lose. Few of our subscribers take this into consideration. While we like to be as generous as possible, let us have a little justice on both sides.

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THE EXPOSITION AT PIMLICO.

We have read with much interest the proceedings of the representatives of the Maryland State Agricultural and Mechanical Association in reference to an Exposition on a large scale of trades and occupations to take place Sep. 9 to 14 inclusive.

We believe such an exposition might be made both successful and useful, if certain clearly defined principles are recognized in its conduct, and we will give a few of our thoughts in this connection.

Pimlico is an accessible point and no especial objection should be made as to the distance from Baltimore. In the absence of a better and more permanent exposition building in the very outskirts of the city, Pimlico should be looked upon as the proper locality.

Those who have charge of the Association at present are fully competent to carry forward such an enterprise to the very best advantage. We are glad to see such names at the head of this movement, and also to know that representative farmers from various parts of the State have taken part in the deliberations.

It is natural to suppose that the very wisest plans have been adopted, although from the published accounts of the meetings and plans we do not get a full and true view of what we should consider the principles for such an exposition.

1. The length of time is too brief to warrant extensive and permanent displays of goods. The best results are between these brief exhibits and the lengthy ones which have sometimes extended beyond their climax of interest. About three weeks would seem to be the best length of time; where the results have been the most profitable in all parts of the country.

2. The next item is that the true

principle of such exhibits is not to have any one thing overshadow the others and thus attract a very great share of the attention to the exclusion of the others. This has been the cause of failure very often, when those interested could not imagine the reason. The great prominence given to the races is at the expense of success in the other departments and has generally been the *bête noir* at Pimlico. To sacrifice all other interests to this has not satisfied in the past and in the future will not satisfy the vast body of exhibitors. The crowds attracted by them are not to the advantage of the miscellaneous exhibitors, and accordingly they do not feel anxious to take their goods to Pimlico. Putting all dependence upon the races, is like farmers putting all their dependence upon one crop. Mixed farming is preferable.

3. The third suggestion is that true principle consists in being guided by the lessons given by the past, avoiding the mistakes of the past, learning the wishes of the best exhibitors of the past, and modifying pet projects in harmony with the desires of the great majority who actually exhibit and have thus a financial interest to subserve.

4. We do not believe in what a correspondent in our last issue has called "dead fairs." The exposition should be alive in the sense that agricultural implements should be in operation; teams should be put to trial in various ways besides racing, though racing be included; fast walking of teams should be encouraged by premiums; the best methods of grooming horses and cattle should be exhibited with premiums attached; in fact, hundreds of operations in farm life and trade life should be exhibited making a live fair instead of a dead one.

But we are not now called upon to make further note on this subject. We think

the project an excellent one and give it our "good speed," hoping that its projectors may have the active co-operation of enterprising men and women in all parts of our State.

Nothing will take the place of good cultivation of the soil in farm work. The surface must be kept open for the sunlight, the air, the moisture, the fertilizing elements of the atmosphere.

INSURANCE.

We have been exercised somewhat by the workings of the Insurance Companies represented in the city of Baltimore; and while we are very willing that they should live and do their successful business; we can be scarcely satisfied that they should combine to form a sort of "trust" to prey upon the substance of their patrons.

It is passably well known that Insurance Companies pay very large salaries to all their officers so that they are enabled to live like princes. They likewise build very imposing buildings and some of them have a capital and surplus reaching into the millions.

Under these circumstances, it is a curious fact that this "trust" has added very largely to premiums on insurance and are forcing insurers to pay vastly larger sums into their treasuries.

They demand certain precautions to be taken involving considerable expenditure, and charge additional fees where these are wanting. We believe this, in view of the thousands paid in salaries and the additional thousands invested in fine buildings to be an imposition. It is founded upon an entirely wrong principle.

The former premium was evidently all-sufficient, being say one per cent upon ordinary business places, stock, etc. In-

stead, therefore, of adding for each item of precaution lacking, there should have been somewhat allowed the insurer for every additional precaution he might provide; thus cutting down the original one per cent.

But these insurance companies have caught the spirit of other "trusts" and are bound to make enormous demands upon every party who is obliged to patronize them. They are not satisfied with comfortable incomes, they must add to their coffers millions procured by force.

When a person is forced to pay an unjust amount for anything, is it not just as much robbery as though he was stopped on the highway and forced to pay over his cash? It seems so to us. And this Insurance "trust" should be placed in the catalogue of all villainous "trusts" which are praying upon the substance of the people.

Besides this, they habitually force insurers in case of fire to receive a far less amount than is their due, or threaten to delay by process of law all payment indefinitely.

How often do we find them insuring property for two or three times its value, for the sake of getting large premiums, and when totally destroyed, offering a very small amount with threats, and compromising for a trifle over half the actual loss.

Especially is this last the case with farm property. Farm buildings are generally a total loss, and very seldom do the owners get the amount for which they are insured. The Legislature should in the interest of farmers make the laws such that the companies should not evade their obligations; but if they took a premium on \$5000 insurance, on property worth but \$1000, let them pay the \$5000 in case of loss. If they are not prepared to do this, let them not take the premium for such an amount.

The Insurance "trusts," with very large

amounts of cash in their treasury can force insurers to pay as they may demand, and can prevent all legislation which may endeavor to place things on a just basis, unless public opinion is aroused to their iniquities. They have started out on the avowed purpose of doubling and trebling their proper premiums.

Remember, one per cent has given these enormous salaries in the past; one per cent has built these palatial offices in the past; one per cent has rolled up these vast surpluses into the millions in the past. Now this one per cent has grown into two per cent, into two and a half per cent, perhaps in some cases into three per cent. And, reader, you are the one who is paying for all this princely extravagance which these officers can so readily afford. There is need of agitation in this matter.

In purchasing Agricultural Implements you only want those which will do the best work and the most work, at the least expense of time and labor of man and team.

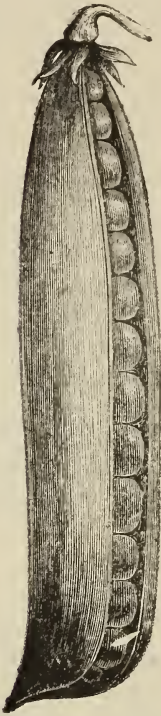
EARLY GARDEN TRUCK.

If it was in the proper condition last fall, it is not necessary to wait to plow the garden this spring before planting the early, hardy truck. Though the frost is not out of the ground, if the two or three inches deep surface soil can be worked, it is not necessary to wait.

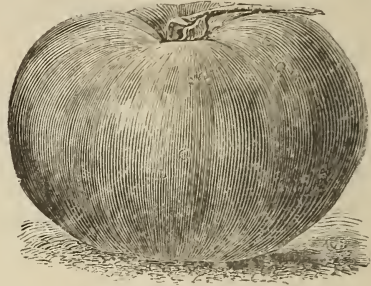
Mark out your rows to the depth desired and put in your peas, and you need not doubt the result. You will lose nothing and the crop will come along much earlier, than if you waited until the ground could be spaded a foot deep.

Lettuce, also, can be planted in this same way and will be up and flourishing before the frozen depths can be worked.

Beets should be planted without delay-
ing, even subsequent freezings will not



Celery may be planted and the internal
frosts seem to be a good food for the young
plants, as the water from the thawing soil



is just what is needed to give them a fine
start in life.

Many times these facts in the experience
of early gardening have impressed upon our

generally injure the seed and in due time
your care will be paid.

Spinach is also one of the hardy list and



mind the uselessness of turning our garden
soil upside down, bringing the coldest part



frequently this early planting will rival
the growth of cold frame wintered plants.

of the soil uppermost, as is generally done.

If we could have an implement that would run through our garden soil and give it a and Linseed oil, while in his own person he had tested Cod Liver oil without experiencing such ill effects, led us to examine into the matter more particularly.



We found that the use of Norwegian Cod Liver Oil as cattle food has been common among a class of progressive farmers who were ready to testify to its advantages.

It was free from all indigestible matter and aided in rendering the food with which it mingled to be more perfectly digested and assimilated, thus giving its perfect nutriment, its fattening or its milk producing properties, their full advantages.

thorough mixing to the depth of a foot or so, without turning it upside down, it would be a great requisition.

It was under these circumstances we wrote Edw. P. Hals, 200 Franklin st., New York, for further information. He has sent us a small advertisement; but he will gladly communicate with any of our readers who will address him on the subject.



Only one or two ounces mixed with the feed, gives life, vigor and healthy appearance to the animal, tones up the system, makes the coat sleek and glossy, and fattens and improves generally.

We are not writing this to give additional advertising to Mr. Hals; but because we have for a long time felt that Cotton seed oil cake, was not of the value claimed for it, and that like many other hobbies, it was being thrust upon farmers to their injury and for the benefit of speculators in that ingredient.

The article of Dr. Sharp chimed in with our own notions so fully that we welcomed it to our columns and we think discussion of this subject will disabuse the minds of farmers of inclination to use it.

We have no controversy with other journals on this subject, and only the good of farmers generally to subserve. We have not one cent interest either in Cotton seed or Cod Liver Oil market; but we advise farmers to give the latter a trial.

Profits on Poultry Keeping range from one hundred to five hundred per cent. But—but—but!! sudden riches, do not expect.

NORWEGIAN COD LIVER OIL FOR STOCK.

Since we first heard of the use of this oil as an addition to the food of Horses, Cattle, Swine, etc., we have been favorably impressed with its beneficial effects.

The article of that thorough chemical expert, Dr. Sharp, in our last number, showing the ill effects of Cotton Seed oil

writing to Mr. Hals, and getting the information he can give.

THE TWINE TRUST.

We observe that the farmers of the West have taken decided steps in their fight with the Twine Trust. The *Western Rural* gives a long list of farmers—and each issue adds to the number—who have resolved to do without twine unless supplied at a reasonable price.

We rejoice in every evidence of the prospective breaking up of trusts, and especially so if done by the energetic action of farmers. We heartily uphold them so far as our columns can do them good and hope they will have the encouragement of every agricultural journal in our country.

These trusts are the scourge of our land and wherever, by their organized robbery, they can grind the people—even though it be to death's door—they do not hesitate. All classes are their legitimate prey and their rapaciousness is not satisfied with any limited amount of plunder.

The triangular coops made of light material are our favorite coops for all purposes: 1. For sitting, with the ground for a floor. 2. For the brood, with a board floor.

Burlington Route Daily Excursions to the Pacific Coast, Colorado, Wyoming and Utah.

Railroad ticket agents of the Eastern, Middle and Western States will sell, on any date, via the Burlington Route from Chicago, Peoria or St. Louis, round trip tickets at low rates to San Francisco, Los Angeles, San Diego, Portland, Tacoma, Seattle, Vancouver or Victoria; also to Denver, Cheyenne, Colorado Springs or Pueblo. For a special folder giving full particulars of these excursions, call on your special ticket agent, or address P. S. EUSTIS, Gen'l Pass. and Ticket Ag't, C. B. & Q. R.R., Chicago, Ill.

COW AND CALF CARE.

Always speak to a cow before you begin to milk her. Don't take it for granted she knows you are going to grasp her teats; she may have her head in the manger, and when you suddenly catch hold of the teats she may jump or kick; then you may yell at her, or perhaps strike her. That is the way to begin the spoiling of a good cow. The best cows are nervous animals, and it pays to be always on the watch so that their nervousness will not be excited. Keep the cows quiet and contented; it is the only way to get the best profit out of them.

Calves should be made tame from the start; they should show no more signs of fear of you than your pet dog does. It pays to loaf around among the calves, and it pays well, too, as you will find when the calf becomes a cow and you attempt to milk her. Your cows and calves, in fact all your stock, should look upon you as their best friend. Get them to feel that way towards you, and you have made a very important step towards success. The man who looks on his cows as mere machines to turn feed into milk, and has no further thought about them, does not, you may depend upon it, get all out of their ownership that he ought to.

When one of your cows seems to be sick, do not go to work and drench her with all manner of nasty doses prescribed by your neighbors, but wait and see if there is anything serious the matter with her. If there is, then get competent advice. If you can't get that kind, don't get any, and if you let your cow alone, she stands a better chance of getting well than if you "doctored" her. Cases of constipation, choking, or things of that sort are excepted, of course. How often do we hear a man tell of having had a sick cow, and how he drenched her with this, and rubbed her with that, and she finally got well;

but if he hadn't taken her in time she would have been a "goner." Now the chances are a hundred to one that if he had let the cow alone, she would have got well much sooner and with far less pain.

When your cow "loses her cud," don't "fly off the handle" and proceed to give her a new cud in the shape of a salt-mackerel or herring. This is often done, and sometimes the fish is wrapped with a wisp of hay in a certain mysterious way. What kind of an idea have such people of the internal organs of a cow? When a cow stops chewing her cud, it isn't because she has "lost" it, but because there is something wrong with her; she is in fact, more or less sick. As soon as the cause passes away—as it is likely to do if you don't dose her—she will go on chewing her cud as usual.

When you over-feed a calf, or give a very young calf cold milk, and it gets the "scours," try and refrain from giving it laudanum, castor-oil, salts, burnt-flower, boiled-milk, hay-tea, and two or three other remedies, all in the same day; but let the poor little thing alone until it is scoured out clean; then use some judgment in your feeding, and beginning with a very small feed, work up carefully until you get to a point where it gets nearly all it will eat. Stop there, and never go beyond that point. This advice will hold good as to all animals, man included; the latter never will follow it, but as he has to pay promptly for his own want of judgment, it doesn't matter much.

Prairie Farmer. A. L. CROSBY.

CHEAP CORN.

"Something is wrong when a pound of butter brings a bushel and a half of corn." Well, what's wrong? Is the butter too high, or the corn too cheap? If Iowa farmers were raising corn to sell, we could see

where the wrong lay, but inasmuch as every sensible farmer is putting the cheap corn into chickens and turkeys at 7 cents, butter at 30 cents, cheese at 12 cents, beef at 3 cents, pork at \$4.75, Percheron and Clyde horses at \$150 each, we can't for the life of us see what is wrong. A big corn crop means cheap corn, and cheap corn is the pivot on which swings nearly all of Iowa's agricultural prosperity. So far as Iowa is concerned there is nothing wrong when a pound of her butter will buy a bushel and a half of her corn. Ten years ago a bushel of her corn would buy three pounds of her butter, and it was a mighty poor trade at that.—*Rockford Register.*

Carpsons are a source of reasonable profit. The value of them is in the quality of their flesh when placed upon the table, as well as the size which they attain.

Trees by the roadside add a great deal to the attractiveness of the country, but they ought to be planted far enough apart to give the sun a chance to dry up the mud in the roads.

ARTIFICIALLY POLLED.

Suppose a way should be discovered to make any calf grow hornless at an expense of say one cent for 100 calves? That is what we are coming to, and it seems to be here even now. Mr. C. H. Kelly, of Bremer, Iowa, reports to us that a single application of caustic potash prevents the growth of the horn. Get a nickel stick at the drug store and keep it in a bottle so that it will not air slake. When a calf makes its arrival determine whether you want it to be horned or hornless. If you have no use for horns, (the calf itself will never have any good use for horns) then take your stick of caustic potash (wrapped

up in a paper) in one hand, take the calf between your knees, wet the hair over the horn spots, rub the end of the potash well on these spots, let the bossy go, and it will grow up a polled Jersey, polled Holstein, polled Shorthorn, polled whatever—it is.—BENNETT, in *Bremer Republican*.

Artificial means for hatching and rearing chickens are required by those who would market early broilers. Hens are not broody in the winter.

SCIENCE AND CATTLE.

Chemistry as applied to agriculture is showing many curious facts, which have a bearing on the farmer's work.

For instance, experiments have shown more than half the solid portions of food of cattle is taken into the general circulation and is converted into flesh or milk, but there is a great variation in the capacity of animals to digest food, and a variation also in the tendency to appropriate it to flesh or deliver it in milk. One cow may digest much less of her food than another, or if digesting it, may convert it into flesh instead of milk.

Careful experiment with any herd will show the capacity of individuals, and will enable the owner to select those which make out of the food the kind of material he is after. He will soon learn the capacity of each to digest food, and can cull out and dispose of those which make the poorest return for food and care.—*N. Y. Age*.

The extent of the Poultry business in this country is estimated all along from two hundred and fifty millions of dollars, to five hundred millions. Still we import our eggs.

WEATHER PROVERBS.

In March much snow,
To plants and trees much woe.

So many mists in March we see,
So many frosts in May shall be.

For wheat a peck of dust in March is
worth a king's ransom.

Between the hours of ten and two
Will show you what the day will do.

Winds that change against the sun
Are always sure to backward run.

A curly sky, will not leave the earth
long dry.

When roosters go crowing to bed,
They will rise with watery head.

Rain long foretold, long last,
Short notice, soon past.

A heavy white frost indicates warmer
weather.

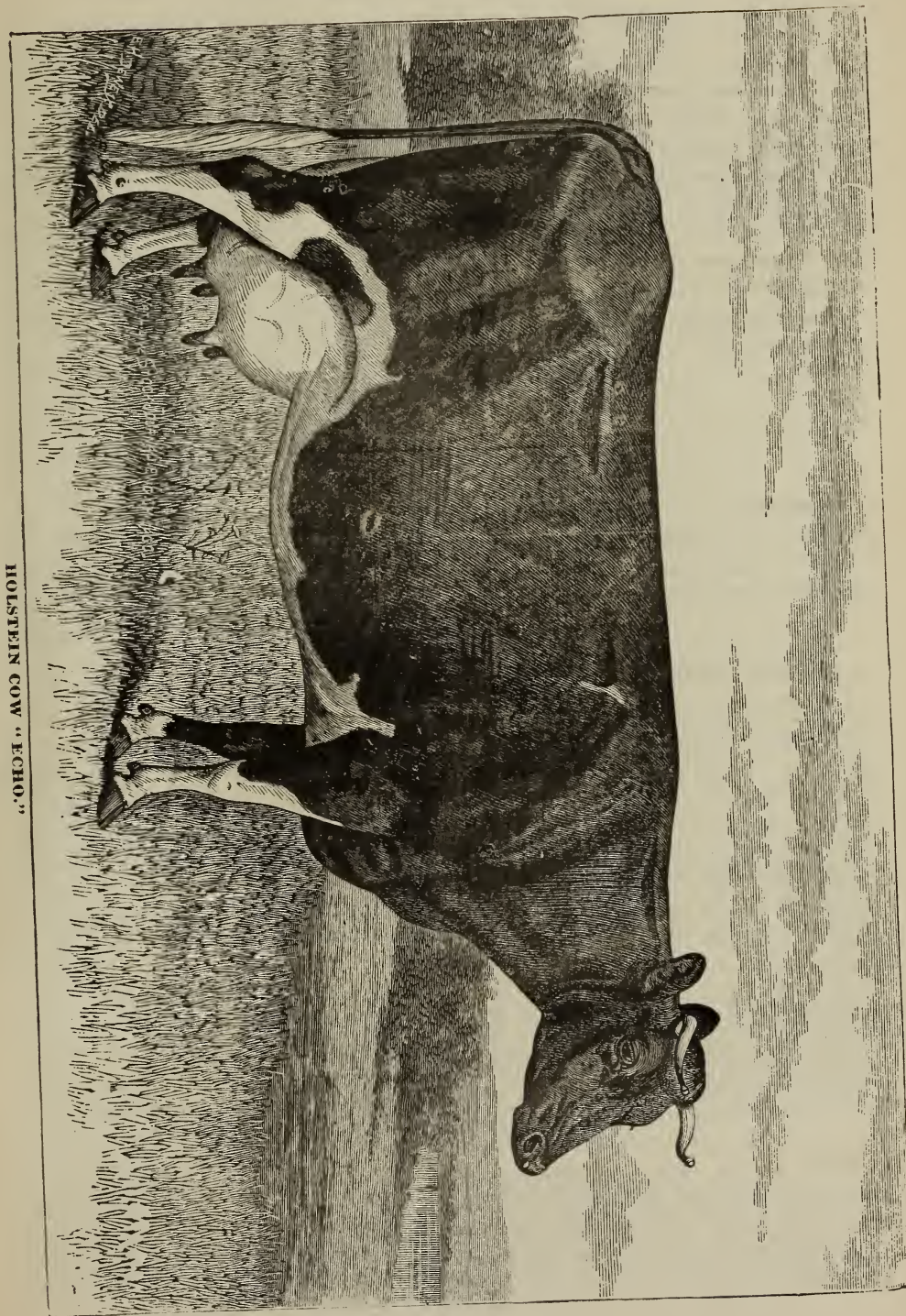
Chicken Houses should be comfortable, but need not be expensive. To the Poultry the rough boards are fully as acceptable as the finest cabinet work.

PLEASANTRIES.

SHE: "Lan' ob de liben! Brudder Eli! Did you come on de kyars or by private conveyance?" HE: "Private conveyance, chile,—I walked."

PASSENGER (on street-car, alarmed): "Madam do you feel a fit coming on?" MADAM (haughtily): "No, sir: I'm trying to find my pocket."

MISS WALDO (of Boston); "Have you ever read 'Kant,' Mr. Wabash?" MR. WABASH (of Chicago): "Er—excuse me, Miss Waldo, but do you mean 'Don't'?"—*New York Sun*.



HOLSTEIN COW "ECHO."

PRUNING.

Keep an eye to the future shape of the tree, and timely remove small, needless, crossing or crooked limbs. This will obviate heavy pruning in after years.

Pruning when dormant tends to impart vigor; but if done when growing or in leaf it checks growth, and therefore a feeble tree should never be pruned after growth commences in the spring. But healthy, strong growers may be lightly pruned at either season.

Most of the "bad luck" with young trees and orchards is the result of neglecting the preceding rules.

Importing over two millions of dollars in eggs does not speak well for the Poultry interests of this country. We should be exporting instead of importing eggs.

HOME CHEESE MAKING.

For the manufacture of cheese on a small scale are required a cheese hoop about ten inches in diameter with a follower, a new washtub and a press. The milk should be taken perfectly fresh from the cow and strained through a cloth into the cheese tub. As a gallon of milk will make one pound of cheese the precise quantity at a time should be noted. Part of it should be warmed, so that the temperature of the whole when in the tub shall be raised to 83 degrees Fahrenheit. The rennet, thoroughly cleaned or prepared, should then be added, enough being used to produce curdling in about forty minutes. As soon as the curd will break smoothly, it should be cut with curd knives into squares and then allowed to stand until all the whey runs off. Part of this whey is then heated, the mass of curd is lifted and broken in minute pieces and warm whey

is added until the temperature of the whole is raised 98 degrees Fahrenheit. When cool this operation is repeated until the curd becomes crumbly, easily falling to pieces when pressed in the hand. The whey is then all drained off and the curd put into the cooler and cut up with curd knives; when the temperature has fallen somewhat it is turned over and left until it assumes a flaky condition. When nearly dry salt is added, and the whole is mixed thoroughly with a curd mill. It is then put into the bantage inside of the hoop, and is put on the press. After remaining there from two to four hours it should be taken out and turned. The next day it may be taken from the press and put on a shelf to cure. While curing it should be watched closely to keep all flies from it, and rubbed over daily with warm melted butter and daily turned. It is fit for use from six to eight weeks after it is pressed.—*Indiana Farmer.*

A NEW GATEWAY.

By the completion of a new bridge across the Missouri River at Rulo, Nebraska, the Burlington Route has established, for the entire distance over its own track, a new, direct, through line from St. Louis to Kansas City, St. Joseph, Atchison and Denver. Over this line is run "The Burlington's Denver Express"—a solid train with through sleeping cars and coaches from St. Louis to St. Joseph and Denver, and a through sleeping car from St. Louis to Kansas City. The connections made by this train at the Missouri River, at Denver and at junction points en route are such that one can directly reach by it all points in Nebraska, Colorado and all sections of the West and Southwest, as well as all Pacific coast points. This is in addition to "The Burlington's Number One" well-known solid vestibule train between Chicago and Denver and Cheyenne, with which direct connection is made by C.B. & Q. R.R. train from Peoria, and by which one can make the run between Chicago and Denver without being more than one night on the road. For tickets via the Burlington Route and for special excursion folder, call on any ticket agent of connecting lines, or address P. S. Eustis, Gen'l Pass- and Ticket Agent, C. B. & Q. R. R., Chicago, Ill.

A LARGE YIELD BY FARMING ON A SMALL PLAT.

The *Cornucopia* of Norfolk, Va., of recent date, contains the following statement from Mr. B. F. Wilson. He says:

From a plot of ground containing one and one-fourth acres of land I have sold 'six thousand two hundred and one dollars worth of produce' during the five years, beginning with 1883 and ending with 1887, that is to say, I have received the above amount from Northern markets for produce raised on this one and one-fourth acres of land after 'freight' and 'commission' were deducted.

1883.—Threw up this plat in 40-inch beds, three rows spinach on each bed ten inches apart, and put one row of cabbage in open furrow on one side of the bed. I cut 364 barrels spinach and 232 barrels cabbage which returned me from Northern markets \$1,100.

1884.—Spinach sown flat in ten inch rows; made 380 barrels; then put in cantelopes (melons), which turned off 100 barrels. The spinach and melons returned me \$1,000.

1885.—I raised on this same plat 385 barrels spinach and 100 boxes beans, which brought me \$1,200.

1886.—Planted in lettuce ten to fourteen inches, cut 450 barrels, which brought me \$1,000.

1887.—Planted spinach again which brought me \$1,336.

Then set out egg plant, which crop brought me from northern markets \$565, thus my sales from this one and one-fourth acre of land in five years time, after deducting freight and commission, has brought me \$6,201, my best year being 1887, when I received the sum of \$1,901. My books show sales for each year, giving day and date of each shipment, and also giving the price received. I make this

statement by request of the Board of Supervisors of Norfolk County.

Farmer's homes should be the abode of comfort, good cheer, luxury and happiness. With reasonable management they can become this. Make this an object of your life.

Large horses are always in demand. They should be of good form and lively as well as heavy, if possible. Look well to the sire.

A New York farmer raised one hundred bushels of shelled corn to the acre. It was from land that had been two years in clover. Under each hill was placed a handful of hen manure dusted with lime. This is a fertilizer that will bring good returns every time, but it must not come in direct contact with the seeds. Yet how few farmers and gardeners appreciate the natural fertilizer, thousands of tons of which go to waste, while vast sums are paid for artificial fertilizers.—*N. Y. Post.*

Importance should be given to every thing which promises to lighten the labor in the home. Woman's work on the farm is burdensome. Welcome canneries; welcome creameries.

It is to be hoped that the day will come when all farmers will strive to make their families as comfortable as they make their cattle and their own dwellings as attractive as their barns.

Sheep husbandry is destined to become one of the most prominent industries of the Atlantic coast. The only drawback is the dog. When will this drawback be abated?

SPECIAL MENTION.



ORCHILLA GUANO.

Few Commercial Fertilizers are so well known and so extensively used as those of this brand—Orchilla Guano. The reports from its use have been uniformly good, and with its vast body of purchasers, excellent. In some parts of our state it seems to have superseded all others, while its area of sale is now only limited by—the supply. Very few firms have been as liberal as R. A. Wooldbridge & Co., in making known the quality of their goods, in supplying them freely for experimental purposes—wishing as they do to sell them on their actual merits. See advertisement, 3d page of cover.

Griffith, Turner & Co.

This firm, whose advertisement will be found on the 2d page of our cover, are not only dealers in fertilizers: but also in

seeds, agricultural implements, and various articles. Give them a visit, and you will not regret it. Good treatment, good prices, accommodating and always anxious to please, added to the best quality of goods, make up an attraction that always wins in the end.

We would respectfully call the attention to the advertisement of Prof. J. A. Lawrence, in this paper who sends a free recipe for treatment to any person sending their name and address.

JUST AS IT IS.

Baltimore, Sep. 26, 1887.

Stonebraker Chemical Co.

Gentlemen:—I have used all the popular brands of Horse and Cattle Powders on the market, but I never have found nor do I believe I ever will find any-

thing for building up and invigorating stock like Stonebraker's Horse and Cattle Powders. I can buy other brands for less money but I think the best is the cheapest in the end. Henry Lancaster, Superintendent streets, Baltimore City.

The Peerless Reaper Co., Canton Ohio, sends us a beautifully executed panel picture, and will send it to any one interested in art and reapers for five two cent stamps.

Sheep, Swine, etc.

One of the best firms, to which you can send, when in want of sheep, swine, fancy poultry, or dogs, is the old established one of W. Gibbons & Co., West Chester, Chester County, Penna. For promptness, and thorough attention to orders, none are superior to them. Their stock is always warranted true and well bred. Address them asking for prices of what you want, and they will give a cheerful and satisfactory reply.

Moseley & Pritchard Manf'g Co.,

We would call especial attention to the advertisement of the Moseley & Pritchard Manf'g Co., of Clinton, Iowa, page 21. They offer great inducements to all desirous of anything in their line of goods, and it will surely be a benefit to our readers to send to them when they intend purchasing, for circulars and whatever information they may need.

We have been much pleased with the Feby. Amateur World; may it succeed.

Send for the Catalogues of seed, plants and trees to John Saul, Washington, D. C.

The Progressive Farmer, of Raleigh, N. C., comes to us enlarged and with new heading, a prosperous sheet.

The Best Celery in the World.

"Where is the best celery raised?" remarked a Washington market man the other day. "In Kalamazoo."

"It is not yet certain why it is so, but it has been definitely determined by experience that no celery is raised that is as good as the celery of Kalamazoo."

"It brings a better price in the market than other celery, and, moreover, a vast quantity of it is raised there."

"Over 3000 acres of swamp land are said to have been 'reclaimed' and devoted to the culture of this toothsome esculent alone."

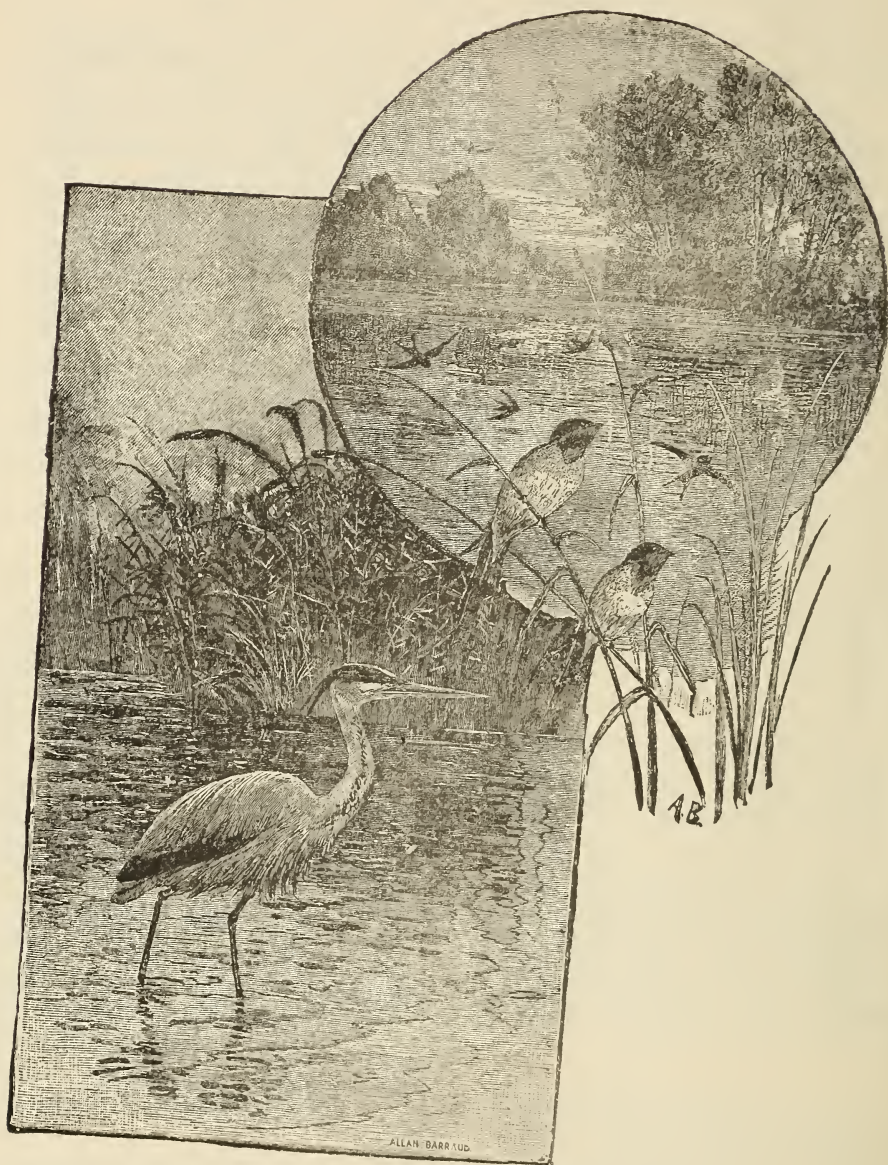
"The business is a lucrative one, and numerous Kalamazooans have grown rich at it. It is, in fact, the leading industry of the place, according to the statements of the Western papers."—*N. Y. Mail*.

BEETS AND TURNIPS.

Beets and turnips ought to be classed among the common field crops. Mangels require a rich well-fertilized soil and careful cultivation. Field turnips may be sown between the corn rows as late as July or August. If the two vegetable crops were grown more extensively, and were as common as oats and hay, the stock of our country would be in a better condition than at the present.

Many publishers, when asked about the best incubators, hesitate to give an opinion. We are decidedly in favor of hot water incubators, without any lamps, which are fruitful sources of danger and trouble.

To do its best a chicken must be treated like a race horse. Kept in good condition, but without a particle of fat. Then work is not labor; it is pleasure.



WASTING HEAT.

In ordinary farm houses an immense amount of heat is wasted. In the old fashioned fireplace, everybody knows that about three fourths of the fuel is wasted; but then, there is such good ventilation no one objects.

Where stoves are used, a great part of the heat usually goes out of the pipe into the chimney and from the chimney to the open air.

The chimney should always be in the interior of the house, for then the stones or bricks will be warmed up and radiate much of their heat into the rooms. If the stove pipe enters the chimney close to the

stove, the loss of heat is very great.

If it is carried through the ceiling into the room above and there made to pass through a "drum," a great part of this heat will be saved, and if carried on into the garret, this, too, will be much warmed.

I have seen one small stove with its pipe carried upward through three rooms, warm the lower room, and remove from the upper ones that indescribable chill which belongs to rooms in brick or stone farm houses.

The extra pipe will cost very little, while the gain, in comfort to the women and children of the house, will be very great.

Fathers give this plan a trial, and you will continue it ever afterwards.

THE HOUSEHOLD.

UNDER THE APPLE TREE.

This is the orchard, here they grow,
The apple trees in triple row,
Ah, well I mind the years ago,

When we were young together.

Now, we're in middle life, we say,
They show the moss, and I the grey,
We both have borne, this many a day,

The wear of time and weather.

They stand it well; this Baldwin, now,
The red fruit fairly loads the bough—
Has it forgot, I wonder, how

I used to dig around it?

Hard work, I thought, and never done,
And life was made for naught but fun—
A sad mistake, as I, for one,

Long, long ago have found it.

There's not a branch the orchard through
But, green or ripe, full well I knew
The taste of all that on it grew—

'Tis in my mouth this minute.

And all is nectar. Well, who knows
But life itself, with all its woes,
Will turn to sweetness at the close,

No drop of bitter in it?

And when an apple drops anon,
Half sad, half glad, my thought runs on—
Yes, yes, I too shall soon be gone,
And lie beneath the clover.

But you, my trees, will flourish still,
And other school-boys' pockets fill,
And bees will hum and sparrows trill,
And king-birds call and hover.

—*Youth's Companion.*

MARCH WINDS AND APRIL
SHOWERS.

BY MRS. ANNIE A. PRESTON.

It was a dreary March day, cheerless enough without, but within Squire Burton's comfortable farm-house the fire cracked and roared in the shining stove, the copper teakettle hissed and sang, the tabby cat purred on her cushion in a snug corner and the louder the wind shrieked without, the more merrily piped up the canary from its gilt cage in the bay-window.

The good wife hummed snatches of hymn as she stitched away, inserting an invisible patch in the knee of the farmer's barn overalls, and as the visitor in a sunny corner by the plant-stand smiled up from her letter writing to take in the picture of cheery comfort, she thought "Cousin Sara has a great deal to be thankful for that she has such a husband as Squire Burton."

The squire came in just then, and as he stepped about it was evident from his frequent groans that he was suffering deeply from an attack of the blues.

"Awful weather!" he grumbled; "it seems as if the wind would cut me in two if I go out to trim apple trees, and if I attempt to mend farming tools in the shop I shiver so I cannot stay there."

"Stay here then and visit for the rest of the day," said his wife, cheerfully. "There is nothing to drive you out. There are plenty of fine days coming, and it would be foolish after you have kept warm all winter to freeze to death in March!"

"Might as well freeze to death and have it done with," the "squire" grumbled on. "It's awful hard times! We're running behindhand year by year. We couldn't sell this place to-day for half it's worth—"

"We don't want to sell it," put in his wife; "we want it for ourselves, we are satisfied with it, and so long as it is not in the market it does not matter to us what value is set upon it by others."

"I don't know as I am satisfied," growled the farmer, as he pulled off his heavy boots leaving both boots and jack for his wife to put in place, and taking his slippers from their fanciful pocket behind the stove. "I am not one of the kind to settle down in a rut and stay there. There is nothing going on around here. No market unless you drive two or three miles, and we growing old and no children. What's going to become of us I don't know. It looks dark ahead!"

"Look beyond the darkness to the light of heaven," encouraged the good wife.

"That won't keep us from the poor-house!" groaned the farmer, "and, oh dear! there's a rap at the door. No one to pay a bill, you may be sure, although there are plenty of them coming due."

"Awful weather! haven't been so cold this winter!" was the salutation of the visitor. "Takes off your summer wood, I guess, to have such weather as this in March, and what is worse it looks to me as if we were going to have a backward, cold spring."

"I know it," groaned the 'squire. "I have been thinking the same thing myself."

"Well, then, you know as well as I do, there won't be so much hay as there'd oughter be on that Brown place, and I come on ter say that I've concluded not to hire it after all."

"Very well," sighed the 'squire. "What the times are coming to I don't know. I was just telling my wife that we are land-poor and buildings-poor."

"Wall's that's so," said the visitor; "all these roofs'll need shinglin' some day, and there will have ter be paintin' done, and 't'll cost like blazes. It's an awful bleak place, too, nobody'll want ter buy it. Lots er room, ter be sure, but it takes a pile er wood ter heat it, an two folks 've no need to use so much room. Better live up in the kitchen, I say, through the cold weather," and drawing on his yarn mittens he withdrew.

"Just as I told you!" said the 'squire throwing down his paper, and curling up on the lounge. "We are all going to the dogs! That Brown place will be tenantless through the year."

"It never was," put in his wife.

"And we *shall* burn the summer's wood all up, in spring, at this rate, and go to drawing wood from the lot on wheels,

something that never yet was done in our family."

"We haven't begun to use up the winter's supply yet, you know very well," the wife hurried to say.

"And yesterday I was disappointed about selling that wood lot—" the sigh now was a most dismal groan.

"You must learn to bear disappointment with a smile," laughed the little woman. "It is all for the best. This man would be a bad tenant, and the man who talked of buying the wood-lot is poor pay, and would have made you no end of trouble. Cheer up now! The darkest hour comes just before the dawn."

"Sarah Jane Uxbridge Burton, I won't hear any more of your absurd speeches," and the 'squire flopped over upon the lounge, turning his back upon his wife's cheerful face, and the pervading brightness of the rooms, hoping to give himself undisturbed to gloomy reflections, when there was another rap at the door. The 'squire, as he stood upon his feet, groaned like the last blast of a northeast storm, and admitted a cheerful-faced man who said vivaciously:—

"Yes, yes: pretty rough outside, but I always like to have winter blow itself fairly out in March, and then our April showers will not be snow-squalls, and black frosts. Little you need care about cold weather, for it is always spring-time in this house, and the sun seems always to shine here. I believe it is that copper tea-kettle, I mean to get one; or it may be because you have doors open all around, and have fires enough to keep warm. It don't take so much more fuel to do that as any one would suppose, and the air is so much better than it is to hive up, that it is saving in doctor's bills in the long run. This is the pleasantest situation and house in town. A good many would jump at the chance of getting it for the price you paid

and all in good repair. I came to see if I could rent your Brown place—wife wants to get a little nearer town. I'm sorry to hear that you have sold your wood-lot, for I want it myself."

By that time the 'squire's blues had all blown over, and as he settled himself in his easy-chair for a talk, his wife said cordially to the visitor:—

"I am glad you happened in; the 'squire was finding me rather dispiriting company. Take off your coat; dinner will be ready presently."

"Yes, yes," put in the 'squire; "Throw off your coat. This rough weather is hard on the women folk; no wonder they get the blues. They can't get out, you know, but March isn't of much consequence any way only to visit in, and fix up business—nor April either, for that matter. I never let the weather affect me as long as I have comfortable quarters and wood a plenty. Times are looking up a little, ar'n't they?"

The cheerful wife laughed a little as she put the potatoes into the oven to bake, and said to her visitor, who had followed her, "Just like a man! up and down with the thermometer, as variable as March winds and as uncertain as April showers; but it is well enough to take up with a good offer of a husband when you have one, my dear, for they are amazing handy to have about the premises."

As the visitor laughed merrily, she thought to herself, "Sarah was not the only lucky one in this alliance. I wonder what John would do without Sarah."

—*Springfield Republican.*

THE FACE.

There is what may be designated as the home face, and which often differs much from the face that is seen in public or

society. The real face is worn at home—the artificial abroad. There is no single thing in any home, high or low, worth more than a bright, cheerful, hopeful, sympathetic face. It soothes little irritations, it encourages the faint, it brightens even the raven down of care, and throws light which may be more precious at times than the light of day. The beauty of a face is in its expression. Whether it be Greek, Roman or Saxon, its power to attract or repel lies in the combined speech of its several features. A homely face may be most comely and winsome when the high qualities of the soul are regnant there. Close observers always try to read beneath the surface, and beyond the mere title page of the external face; and still it is most true that universally the human countenance is taken as an index of character. A heart full of gracious sentiments and emotions will transform the plainest face into one of great loveliness.—*Christian at Work.*

CHILDREN'S INFLUENCE.

He Saw Himself.

"You must excuse me, gentlemen, for I cannot drink anything," said a man who was known to the entire town as a drunkard.

"This is the first time you ever refused a drink," said an acquaintance. "The other day you were hustling around after a cocktail, and, in fact, you even asked me to set 'em up."

"That's very true, but I am a very different man now."

"Preachers had hold of you?"

"No, sir; no one has said anything to me."

"Well, what has caused the change?"

"I'll tell you. After leaving you the other day I kept on hustling after a cocktail, as you term it, until I met a party of friends. When I left them I was about

half drunk. To a man of my temperament a half drunk is a miserable condition, for the desire for more is so strong that he forgets his self-respect in his efforts for more drink. I remembered that there was a half-pint of whiskey at home which had been purchased for medical purposes. Just before reaching the gate I heard voices in the garden, and looking over the fence I saw my little son and daughter playing.

"Now you be ma," said the boy, "and I'll be pa. Now, you sit here and I'll come in drunk. Wait, now, till I find my bottle."

"He took a bottle, ran away and filled it with water. Pretty soon he returned and entered the playhouse, nodded idiotically at the girl and sat down without saying anything. The girl looked up from her work and said:—

"James, why will you do this way?"

"Whizzer way?" he replied.

"Gettin' drunk."

"Who's drunk?"

"You are; an' you promised when the baby died that you wouldnt drink any more. The children are almost ragged, and we haven't anything to eat hardly, but you still throw your money away. Don't you know you are breaking my heart?"

"I hurried away. The action was too life like. I could think of nothing during the day but these little children playing in the garden. You must excuse me, gentlemen. I cannot drink again."—*Arkansas Traveller.*

TO GIRLS.

Be cheerful, but not gigglers; serious, but not dull; be communicative, but not forward; be kind, but not servile. Beware of silly, thoughtless speeches; although you may forget them, others will not. Remember, God's eye is in every company.

Beware of levity and familiarity with young men; a modest reserve without affectation is the only safe path. Court and encourage conversation with those who are truly serious and conversable; do not go into valuable company without endeavoring to improve by the intercourse permitted to you.

Nothing is more unbecoming, when one part of a company is engaged in profitable conversation, than that another part should be trifling, giggling, and talking comparative nonsense to each other.—*Universalist*.



THE KITCHEN.

RAISIN PIE.—Boil one pound of chopped raisins an hour in water enough to cover. When cool, add one cup of sugar, the juice and grated rind of a lemon and two tablespoons of corn starch. Mix well and bake between puff pastry. This recipe will make three excellent pies.

COLD SLAW.—Shave off a hard, white head of cabbage and season with the following dressing: One cup of cream, one and a half teaspoons of mustard, one teaspoon of salt, one teaspoon of sugar, and yolk of one egg beaten light. When boiled add one cup of strong cider vinegar, stir well and pour over the cabbage.

Cold sliced potatoes fry and taste better by sprinkling a teaspoonful of flour over them while frying.

Some bread-bakers claim that salt or meal is better than soap for washing the hands before and after mixing bread.

Sweet, light, fine grained bread, twenty-four hours old, makes the best sandwiches.

A good deal of the butter in market is sold as "cooking butter," because of flavor, or in some other way decidedly inferior. As a matter of fact, however, butter used in cooking needs to be as sweet as any other.

To stone raisins easily, take a cupful at a time, put them in a bowl and pour boiling water over them, let them stand a moment, then proceed as usual to remove the seeds, which will drop out of the raisins perfectly clean without sticking to the fingers. It saves time and trouble, and you do not waste a particle of the raisins, and it cleans them as well.

Never send to the table the same food for three meals in succession, unless varied in some way.

A good cook throws away nothing. Every piece of bread, every inch of meat, every particle of vegetable, can be turned into something palatable.

Mayonnaise dressing made with the yolks of two raw eggs, stirred with the best olive oil added drop by drop, is the foundation of the best salad dressing.

Scraps are a regular savings bank for the good cook. The greatest possible variety of good things can be made out of them.

In a basin of water, salt, of course, falls to the bottom; so never soak salt fish with the skin side down, as the salt will fall to the skin and remain there.

It is not always easy to start a fruit-jar cover. Instead of wrenching your hands and bringing on blisters, simply invert the jar and place the top in hot water for a minute. Then try it, and you will find it turns quite easily.

Some one suggests for furniture polish, to take a small bottle and fill it two-thirds full of spirits of turpentine, then fill the bottle up with the best linseed oil. Shake well, apply with a very thin cloth and wipe with the same. This will make furniture look nearly as good as new.

From the Amateur World.

RIDDLES.

Answers next Month.

1. What was the longest day in Adam's life?
2. When is a boat like a heap of snow?
3. Why is a gooseberry pie like counterfeit money?
4. What is the longest word in the English language?
5. What river in Bavaria answers the question, who is there?
6. Why is a thump like a hat?
7. Why is a man with wooden legs like one who has an even bargain?
8. How is it that trees put on their dresses without opening their trunks?
9. Why is a minstrel show like a note falling due?
10. When is a subject beneath one's notice?
11. What did Job's wardrobe consist of?
12. When are soldiers like a spice?
13. What is it that does not exist, and yet we often say we saw?
14. What question can only be answered, yes?
15. What is the difference between a spendthrift and a feather bed?

16. Why is a baby and an alarm clock alike?
17. What is most like a spool of cotton?
18. When is a boy like a duck?
19. When is a horse like a school boy?
20. What is the difference between a \$5.00 bill and \$5.00 in pennies?

ANSWERS

To Riddles published last Month.

1. Sextons.
2. Pigs.
3. On its feet.
4. Pad-locks.
5. Slippers.
6. They both like smacks.
7. Put out the fire.
8. They both smoke.
9. We all like it.
10. A house on fire.
11. When he is out of patients.
12. You can't have beauty without them.
13. Nothing.
14. No one nose.
15. The smallest.
16. A flea.
17. Because the engine cannot play on it.
18. When he looks round.
19. Try to borrow some.
20. None, they are all carried.
21. His hat.
22. When you and I are one.
23. Back ache.
24. Adam.
25. He never shows the white feather.
26. Water finds its own level, but Time levels everything.
27. You cannot make cake without it.
28. A boy.
29. In the dictionary.
30. Six dozen dozen is 864; Half a dozen dozen is 72.

THE LOST ATLANTIS.

For many centuries there has been a tradition of a long lost island called Atlantis.

The Greek geographers located it in the Atlantic Ocean, west of the northwest part of Africa and the Pillars of Hercules. The sea-kings of Atlantis are said to have invaded Europe and Africa, and to have been defeated by the Athenians.

All the legends agree that it was a vast island, of inexhaustible resources, and inhabited by a race of superior people. For ages this island has existed only in legendary lore. But now, when the light of modern research is turned full upon the investigation, behold the lost Atlantis at our very doors.

So the bigoted medical fraternity goes groping about in the dark, seeking for an Atlantis or Esculapius for the cure of a disease which, when in an advanced condition, they and their medical code have pronounced incurable, when if they would investigate, they would behold the lost Atlantis at their very door. With their ancient text book under their arm, a case of physic, and injurious drugs under the other, a paper in their waistcoat giving them license to practice, experiment and dose with their injurious drugs, cauterize and perform unnecessary acts, with no person or laws to hold them accountable, they continue their bigoted, unjustified practice, staring into vacancy, and imagining that they see in themselves an Esculapius, which, like much of their practice, was a god of medicine centuries ago.

They walk wrapped in ancient bigotry, which has been handed down to them by ignorance and superstition, crying out against all improvements that have been made in medical science, though coming from scientists, chemists, and outside of the laboratory of the medical institution. They denounce any new idea advanced by

a layman or an opposition school as a fraud.

Why?

Because humanity will not be benefited? Not at all, but because their special ism did not make the discovery.

The two great isms in concert denounce all that came before their birth as nostrums, because their Esculapius or ism did not discover and recommend it to their medical code.

Yet they concede that there is no remedy known to their materia medica that will cure an advanced kidney malady and the diseases arising therefrom—although many of them know from crowning proof that Warner's Safe Cure will—but unscrupulously treat symptoms and call them a disease, when in reality they know they are but symptoms.

A few of the more honest physicians admit that Warner's Safe Cure is a valuable remedy, and a great blessing to mankind, but say, in so many words, when asked why they do not prescribe it, that they cannot, according to their code, which means that it has not been handed down through the traditions of their Esculapius.

Nevertheless, the world is fast becoming satisfied that the cure for kidney and liver diseases, in whatever form or condition, has been discovered, and there is no doubt but what Warner's Safe Cure and its fame will live long after such bigotry as we have instanced is dead and buried.

The late eminent physician and writer, Dr. J. G. Holland, published in "Scribner's Monthly," and showed his opinion of such bigotry, and no doubt was satisfied that Atlantis might possibly be discovered in a proprietary medicine, when he wrote editorially as follows:

"Nevertheless, it is a fact that many of the best proprietary medicines of the day were more successful than many of the physicians, and most of them, it should be remembered, were first discovered or used

in actual medical practice. When, however, any shrewd person, knowing their virtue, and foreseeing their popularity, secures and advertises them, then, in the opinion of the bigoted, all virtue went out of them."

BOOKS, CATALOGUES &c.

The Frisian Herdbook, 1888. Vol. xiv.—Very interesting for reference, from Mr. Volke, Consul of the Netherlands, at Baltimore Md.

Potato Manual for 1889. G. H. Howe, No. Hadley, Mass.—Useful as well as attractive.

Descriptive Catalogue of Grapevines, Small Plants, etc. Lewis Roesch, Fredonia, N. Y. We are pleased to note the rapid advance of the business of this dealer, causing the enlargement of his storage cellars to at least four times their former capacity. His spirit of accommodation which leads him to fill an order of 15 cts. as readily as \$15 is a great commendation.

Our Little Ones and the Nursery, for March sustains its reputation as the foremost magazine of its class in the World. Only \$1.50 a year and worthy a place in every household where there are Little

Ones to be nurtured. Russell Publishing Co., Boston, Mass.

Catalogues from the Pomona Nurseries, Wm. Parry, Parry, N. J. Small Fruits, Dwarf and Standard Fruit trees, etc, etc. Colored plate of the Peach, "Wonderful."

Consular Reports from Dept. of State.

Bulletins from the Dept. of Agriculture. Insect Life is worthy of careful preservation for future reference.



MANLY PURITY AND BEAUTY

CUTICURA REMEDIES CURE
SKIN AND BLOOD DISEASES
FROM PIMPLES TO SCROFULA.

NO PEN CAN DO JUSTICE TO THE ESTEEM IN which the CUTICURA REMEDIES are held by the thousands upon thousands whose lives have been made happy by the cure of agonizing, humiliating, itching, scaly, and pimply diseases of the skin, scalp, and blood, with loss of hair.

CUTICURA, the great Skin Cure, and CUTICURA SOAP, an exquisite Skin Beautifier, prepared from it, externally, and CUTICURA RESOLVENT, the new Blood Purifier, internally, are a positive cure for every form of skin and blood disease, from pimples to scrofula.

Sold everywhere. Price, CUTICURA, 50c; SOAP, 25c.; RESOLVENT, \$1. Prepared by the POTTER DRUG AND CHEMICAL CO., BOSTON, MASS.

Send for "How to Cure Skin Diseases."

Pimples, blackheads, chapped and oily skin prevented by CUTICURA SOAP.

Rheumatism, Kidney Pains and Weakness speedily cured by CUTICURA ANTI-PAIN PLASTER, the only pain-killer plaster.

ESTABLISHED OVER 40 YEARS.

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PRICES LOWER BY COMPARISON THAN ANY GOODS IN THE MARKET.

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Bowly's Wharf and Wood Street,

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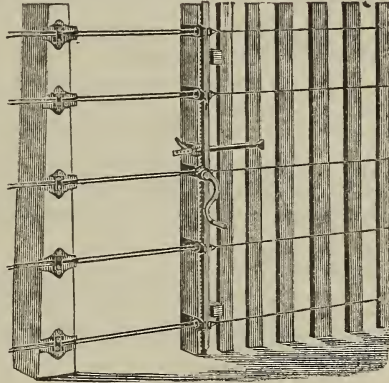
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Always gives a bright natural color, never turns rancid. Will not color the Buttermilk. Used by thousands of the best Creameries and Dairies. Do not allow your dealer to convince you that some other kind is just as good. Tell him the BEST is what you want, and you must have Wells, Richardson & Co's Improved Butter Color. Three sizes, 25c. 50c. \$1.00. For sale everywhere. WELLS, RICHARDSON & CO. Burlington, Vt.

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to destroy injurious insects is recommended by all experienced Horticulturists and by this system only can perfect fruit be secured. For full directions and outfit for hand or horse power, address
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\$20 Picket & Wire Fence Machine for \$10 where I have no agents. *Guaranteed.* Hundreds in use. Freight paid. Wire and other fencing material at wholesale to my customers for machines. Circulars free. Address
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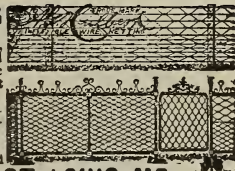
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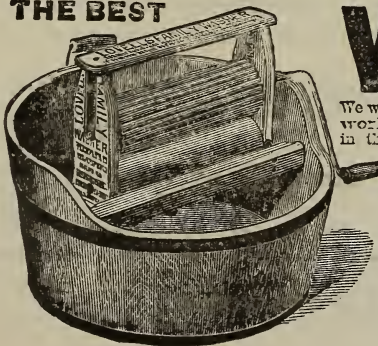
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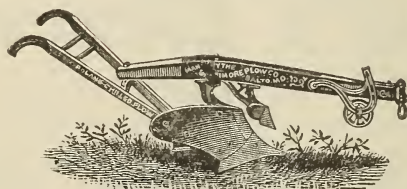
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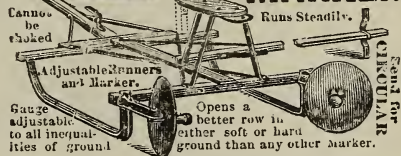
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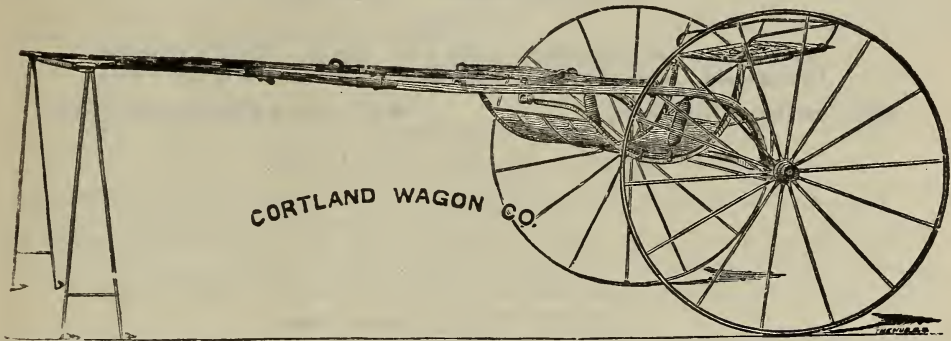
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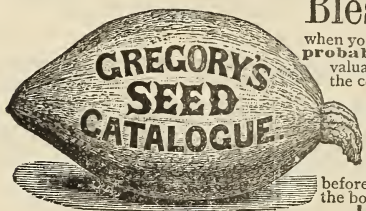
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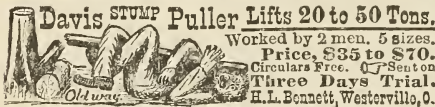
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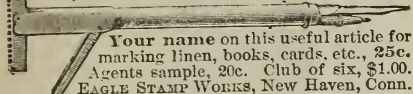
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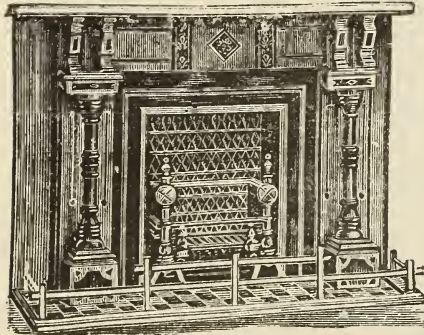
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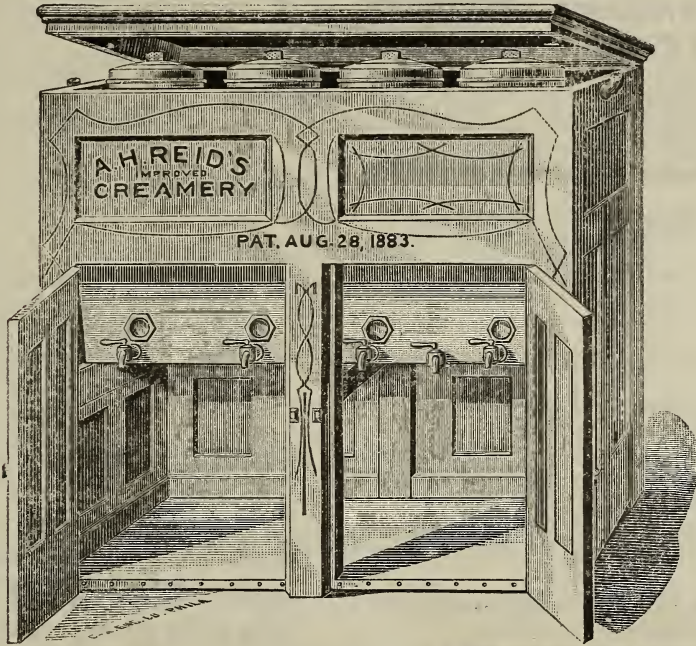
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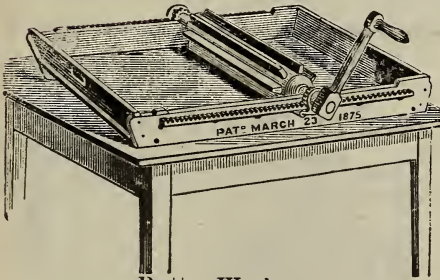
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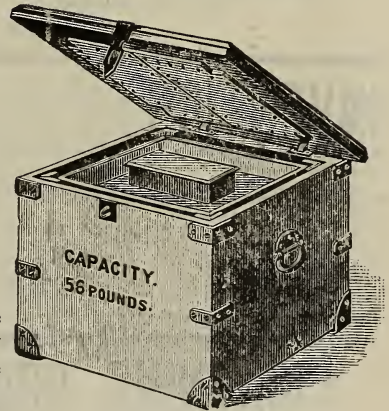
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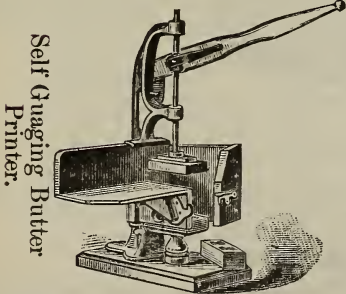
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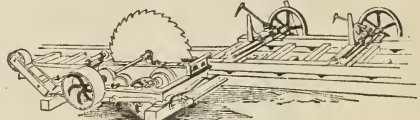
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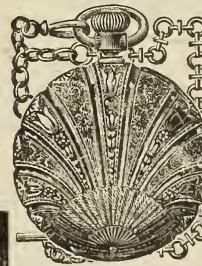


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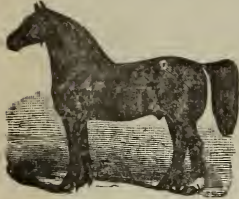
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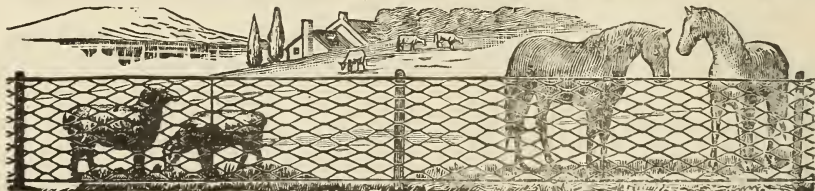
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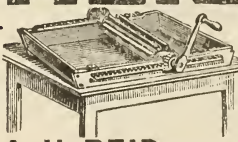
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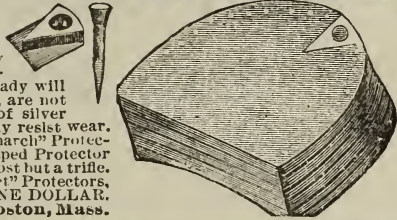
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Send for my Illus. Catalogue, containing valuable information for Creamery men and Butter Factories.**CREAMERY SUPPLIES.****A. H. REID, 30th and Market Streets, PHILADELPHIA, PA.**

SAVE YOUR MONEY AND YOUR HEELS

Sanford's Perfect Heel Protectors
Will Save **ONE DOLLAR** in Repairs

On every pair of Shoes, and give you the comfort of a new pair of Square heels all the time. The only safe, durable, simple and neat device for the purpose. No gentleman or lady will object to wearing them, as they do not disfigure the heel, are not noisy, and cannot slip or work loose. Made of a species of silver steel, tempered to a degree of hardness which will effectually resist wear. When purchasing Boots or Shoes see that the round or "Monarch" Protectors are in the heels, if not, the dealer will insert the V-shaped Protector if you insist on it. They are easily applied by any one, and cost but a trifle. Our new "Family Outfit," containing 24 Pairs "Perfect" Protectors, One Chisel, One Gauge, and 48 Nails, mailed postpaid for **ONE DOLLAR**. Address **THE SANFORD MFG CO., 4 High St., Boston, Mass.**



SOLID GOLD WATCHES FREE!



OUR COUNTRY HOME is an elegant and refined monthly paper for the Home and Farm. Each number contains 16 pages, 6-4 columns of instructive and entertaining reading matter and is handsomely illustrated. It contains serial and short stories, poems, poultry department, stock, dairy, flowers, fancy work, dress, housekeeping and children's departments. Every home is delighted with this charming paper. We desire to at once double its already mammoth circulation, and in order to introduce it into thousands of homes where it is not already known, we, the publishers of this paper, will give away absolutely free thousands of genuine Solid Gold, stem-winding and stem-setting watches (in order to get new subscribers and agents), to thousands of persons, as stated in our advertisement in our paper. These watches come in ladies' or gent's sizes, and we guarantee our picture here to be a correct illustration of the watch itself. We warrant every watch to be Solid Gold, and to contain a fine American movement, full jeweled, patent lever. We give a ten year's written guarantee with every watch. This is one of the grandest offers ever made by a reliable publishing house. **HOW CAN WE DO ALL THIS?** This is a question that thousands who read our advertisement will ask. **WE WILL TELL YOU HOW WE CAN DO IT.** OUR COUNTRY HOME is not a new paper just started but is now in its 7th year, and is fast becoming a national paper. It is read at the present time by more than one-quarter of a million people each month. All papers of a national reputation spend each year from \$15,000 to \$50,000 in advertising, to make known their publication and increase their advertising patronage. (We spent ourselves last year over \$30,000 for this very purpose). Of course no paper can possibly make money, or even exist, without advertising; consequently, by giving away thousands of genuine Solid Gold American Watches, we expect to get a very large circulation. With our present circulation we get \$10.50 per inch for advertising space taken by our advertisers; now if we can double or triple our circulation (which we surely ought to by giving away beautiful Solid Gold American Watches), we can easily get from \$21.00 to \$30.00 per inch, or from \$75 to \$500 per column for our advertising space alone, (there are thousands of dollars in advertising), to say nothing about the income from subscriptions. See? What we want is a large circulation and that we must have (at whatever expense). During 1888 we gave away in premiums and spent in advertising many thousands of dollars. So well were we satisfied with the returns of this investment that this year we have decided to spend in advertising, and give away in premiums, double the amount we did last year. We have had made for us especially the beautiful Solid Gold Stem-winding and Stem-setting Watch that we illustrate here. We are going to push the circulation of Our Country Home until it stands at the top of the ladder. By giving away beautiful Solid Gold Watches, we expect to secure from 40 to 80 new subscribers in every town where our paper goes. Don't fail to take advantage of a Golden opportunity.

READ OUR WONDERFUL 90 DAYS OFFER.

To every person who will cut this advertisement out, and send it to us with \$1.00 (Bill, Postal Note, Money Order, Express Money Order, Postage Stamps, Bank Draft or Registered Letter), for one year's subscription to OUR COUNTRY HOME, we will send you absolutely free and postpaid, by mail, the handsome premium we illustrate here. The cases are of the beautiful Shell pattern, stem-setting and hunting case, securely packed in a nice satin lined case. OUR COUNTRY HOME will be sent you regularly each month as issued (about the 12th of the month) for one year. We consider our publication among the best and most complete family monthlies in America, and you'll say so too when you see it. Reference: We have been so long before the public as enterprising publishers that we are well-known to most newspaper publishers, and no doubt to many of their readers. Any Bank, Merchant or Publisher can tell you of our reliability. We will cheerfully refund the money to any subscriber not perfectly satisfied with OUR COUNTRY HOME. Write to-day. Cut this advertisement out and send with \$1.00.

Address PUBLISHERS

OUR COUNTRY HOME, 75 Fulton Street, New York City.



SLINGLUFF & CO,

OFFICE: 300 W. Fayette Street.

FACTORY: Foot of Leadenhall Street.

BALTIMORE, MD.

MANUFACTURERS OF

STANDARD PHOSPHATES.

GEORGE O. STEVENS,
WINDOW SASHES, BLINDS & DOORS
BUILDING
 Established
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MATERIALS.
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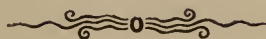
47 & 49 LIGHT ST.,

BALTIMORE.

OUR STOCK COMPRISES Window and Door Frames, Sash Weights and Cords, Hand Rails and Balusters, Newel Posts, Porch Trimmings, Cornice, Porch and Stair Brackets, Door Jambs, Ornamental Glass, Builder's Materials, Store Fronts, Bay Windows, &c. &c. Orders for Lime, Flooring, Shingles, Laths and Lumber of all kinds filled promptly at lowest Market Rates.

SEND FOR PRICE LIST AND CATALOGUE.

"It's Better Than the Others."



A Fertilizer that has stood the test of time and whose sales each year show a marked increase must possess superior merit and be

BETTER THAN THE OTHERS.

A Fertilizer that is most popular where best known and longest used, and whose most enthusiastic friends are those of longest standing, must be

BETTER THAN THE OTHERS.

A Fertilizer that is free from ammonia and vitriol and that permanently enriches the land, increasing the crops and improving the quality of the grain, must be

BETTER THAN THE OTHERS.

A Fertilizer that does not burn out nor sour the land, and which never fails to produce a luxuriant growth of grass for successive years, must be

BETTER THAN THE OTHERS.

A Fertilizer that makes grass grow where it never grew before, and that covers with paying crops soils that previously had never made any returns, must be

BETTER THAN THE OTHERS.

A Fertilizer that is so *pure* that Prof. Mallett, of the University of Virginia, could find in 100 parts of it only $1\frac{1}{2}$ parts of "insoluble residue," must be

BETTER THAN THE OTHERS.

A Fertilizer that numbers of the best farmers of Maryland, Pennsylvania, Virginia and adjoining States recommend and are willing to testify to its efficacy and value, must be

BETTER THAN THE OTHERS.

A Fertilizer that jealous competitors find it necessary to imitate, and whose principal claims for patronage for their goods rests entirely upon the statement that "THEY ARE AS GOOD AS ORCHILLA," must necessarily be

BETTER THAN THE OTHERS.

And that's what ORCHILLA GUANO is; it is an unadulterated, natural fertilizer that has many competitors, but no equals, and as an old acquaintance says, who has tried them all:

"There are many Guanos, but Only One Orchilla."

SEND FOR CIRCULARS GIVING FULL PARTICULARS.

R. A. WOOLDRIDGE & CO.

212 Buchanan's Wharf,

BALTIMORE, MD.

1849. FATHOMLESS FACTS. 1889.

STONEBRAKER'S PREPARATIONS.

Now when you have tried all the Liver Pills in market and received no benefit, try Stonebraker's and note the results.

Oh! for a mind more clear to see,
A hand to work more earnestly
For every good intent
That to the sick I bring the pure,
Undiluted, painless cure,
Stonebraker's Liniment.

The Stonebraker's Chem. Co.,
Baltimore, Md.

Gentlemen:—In my honest opinion I believe the genuine Stonebraker's Liniment (of which the Stonebraker's Chemical Co., are Sole proprietors) is undoubtedly the best pain cure in the world. I have used other preparations that were recommended to me, some of which produced temporary relief, but I never in all my life used a remedy so sure, so positive, so soothing and penetrating as Stonebraker's Liniment. I have used it on both human and horse flesh, with the most flattering results. It cured every time. May its sales continue to increase until every suffering creature in the world is healed by the wonderful curative properties is the sincere wish of

Yours respectfully,
J. M. MURPHY,
59 H St., N. E.
Washington, D. C.

Dec. 1, 1888.

O, the old, old clock of the household stock,

Was the brightest thing and neatest,
The hands, though old, had a touch of gold,

And its chime rang still the sweetest.

But the dear old clock needed a dusting occasionally, and a little oil attention. Just so with the human machine. When you feel depressed, blue, nervous, low spirited or demented, it is your liver which failing to perform its functions, needs a little help. A dose or two of Stonebraker's Blood and Liver Corrector will bring everything around all right and you will feel like yourself again. Don't take any substitute. Ask for Stonebraker's Blood and Liver Corrector. \$1.00 per bottle.

Mr. Jas. C. Milburn 124 West Biddle street, Baltimore, says: "I have used Stonebraker's Insect Powder with good success, both for roaches and chinchies. I used it in my kitchen, and the dead roaches were lying around by thousands. Chinchies cannot live where Stonebraker's Insect Powder is used."

Stonebraker's Liniment is the standard liniment used in hospitals and schools throughout the world. Price 25 cents a bottle.

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Manufacturers and Sole Proprietors,

Baltimore, Md.